

**PCT REQUEST**Original (for **SUBMISSION**)

<b>0</b>	<b>For receiving Office use only</b>	
<b>0-1</b>	International Application No.	
<b>0-2</b>	International Filing Date	
<b>0-3</b>	Name of receiving Office and "PCT International Application"	
<b>0-4</b>	<b>Form PCT/RO/101 PCT Request</b>	
<b>0-4-1</b>	Prepared Using	<b>PCT-SAFE [EASY mode] Version 3.50 (Build 0002.169)</b>
<b>0-5</b>	<b>Petition</b> The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
<b>0-6</b>	Receiving Office (specified by the applicant)	<b>United States Patent and Trademark Office (USPTO) (RO/US)</b>
<b>0-7</b>	Applicant's or agent's file reference	<b>126457.01202</b>
<b>I</b>	<b>Title of Invention</b>	<b>NON-POROUS ADHERENT INERT COATINGS AND METHODS OF MAKING</b>
<b>II</b>	<b>Applicant</b>	
<b>II-1</b>	This person is	<b>applicant only</b>
<b>II-2</b>	Applicant for	<b>all designated States except US</b>
<b>II-4</b>	Name	<b>MYKROLIS CORPORATION</b>
<b>II-5</b>	Address	<b>129 Concord Road Billerica, MA 01821 United States of America</b>
<b>II-6</b>	State of nationality	<b>US</b>
<b>II-7</b>	State of residence	<b>US</b>
<b>II-8</b>	Telephone No.	<b>(978) 436-6500</b>
<b>II-9</b>	Facsimile No.	<b>(978) 436-6739</b>
<b>III-1</b>	<b>Applicant and/or inventor</b>	
<b>III-1-1</b>	This person is	<b>applicant and inventor</b>
<b>III-1-2</b>	Applicant for	<b>US only</b>
<b>III-1-4</b>	Name (LAST, First)	<b>WARGO, Christopher</b>
<b>III-1-5</b>	Address	<b>45 Brook Street Wellesely, MA 02482 United States of America</b>
<b>III-1-6</b>	State of nationality	<b>US</b>
<b>III-1-7</b>	State of residence	<b>US</b>

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<b>III-2</b>	<b>Applicant and/or inventor</b>	
III-2-1	This person is	<b>applicant and inventor</b>
III-2-2	Applicant for	<b>US only</b>
III-2-4	Name (LAST, First)	<b>NIERMEYER, Karl</b>
III-2-5	Address	<b>52 Groton Road Tyngsborough, MA 01879 United States of America</b>
III-2-6	State of nationality	<b>US</b>
III-2-7	State of residence	<b>US</b>
<b>IV-1</b>	<b>Agent or common representative; or address for correspondence</b>	
	The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	<b>agent</b>
IV-1-1	Name (LAST, First)	<b>MILLER, Raymond, A.</b>
IV-1-2	Address	<b>Pepper Hamilton LLP One Mellon Center, 50th Floor 500 Grant Street Pittsburgh, 15219 United States of America</b>
IV-1-3	Telephone No.	<b>412.454.5000</b>
IV-1-4	Facsimile No.	<b>412.281.0717</b>
IV-1-5	e-mail	<b>docketingpgh@pepperlaw.com</b>
IV-1-6	Agent's registration No.	<b>42,891</b>
<b>V</b>	<b>DESIGNATIONS</b>	
<b>V-1</b>	<b>The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.</b>	
<b>VI-1</b>	<b>Priority claim of earlier national application</b>	
VI-1-1	Filing date	<b>20 February 2004 (20.02.2004)</b>
VI-1-2	Number	<b>60/546,680</b>
VI-1-3	Country	<b>US</b>
<b>VI-2</b>	<b>Priority claim of earlier national application</b>	
VI-2-1	Filing date	<b>16 December 2004 (16.12.2004)</b>
VI-2-2	Number	<b>60/636,565</b>
VI-2-3	Country	<b>US</b>

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VI-3	<b>Priority document request</b> The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1, VI-2	
VII-1	<b>International Searching Authority Chosen</b>	European Patent Office (EPO) (ISA/EP)	
VIII	<b>Declarations</b>	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	1	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	2	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	

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VIII-2-1	<b>Declaration: Entitlement to apply for and be granted a patent</b> Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate: Name (LAST, First)	<b>in relation to this international application</b>  <b>MYKROLIS CORPORATION is entitled to apply for and be granted a patent by virtue of the following:</b>
VIII-2-1(i v)		<b>an assignment from MYKROLIS CORPORATION to WARGO, Christopher, dated 21 February 2005 (21.02.2005)</b>
VIII-2-1(i v)		<b>an assignment from NIERMEYER, Karl to MYKROLIS CORPORATION, dated 21 February 2005 (21.02.2005)</b>
VIII-2-1(i x)	<b>This declaration is made for the purposes of:</b>	<b>all designations except the designation of the United States of America</b>

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VIII-3-1	<b>Declaration: Entitlement to claim priority</b> Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii)) Name	<b>in relation to this international application</b>  <b>MYKROLIS CORPORATION</b> <b>is entitled to claim priority of earlier application No. 60/546,680 by virtue of the following:</b>
VIII-3-1(i v)		<b>an assignment from WARGO, Christopher to MYKROLIS CORPORATION, dated 21 February 2005 (21.02.2005)</b>
VIII-3-1(i v)		<b>an assignment from NIERMEYER, Karl to MYKROLIS CORPORATION, dated 21 February 2005 (21.02.2005)</b>
VIII-3-1(i x)	This declaration is made for the purposes of:	<b>all designations</b>

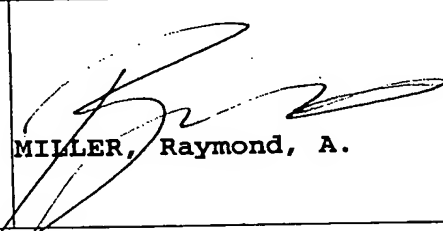
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VIII-3-2	<b>Declaration: Entitlement to claim priority</b> Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii)) Name	<b>in relation to this international application</b>  <b>MYKROLIS CORPORATION</b> <b>is entitled to claim priority of earlier application No. 60/636,565 by virtue of the following:</b>
VIII-3-2(i) v)		<b>an assignment from WARGO, Christopher to MYKROLIS CORPORATION, dated 21 February 2005 (21.02.2005)</b>
VIII-3-2(i) v)		<b>an assignment from NIERMEYER, Karl to MYKROLIS CORPORATION, dated 21 February 2005 (21.02.2005)</b>
VIII-3-2(i) )		<b>the applicant is the inventor of the subject matter for which protection was sought by way of the earlier application</b>
VIII-3-2(i) x)	<b>This declaration is made for the purposes of:</b>	<b>all designations</b>

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IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	7	✓
IX-2	Description	38	-
IX-3	Claims	3	-
IX-4	Abstract	1	✓
IX-5	Drawings	7	-
IX-7	TOTAL	56	
	<b>Accompanying Items</b>	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-17	PCT-SAFE physical media	-	✓
IX-19	Figure of the drawings which should accompany the abstract	1	
IX-20	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative	 <b>MILLER, Raymond, A.</b>	
X-1-1	Name (LAST, First)		
X-1-2	Name of signatory		
X-1-3	Capacity		

## FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/EP
10-6	Transmittal of search copy delayed until search fee is paid	

## FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by the International Bureau	
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**PCT-(ANNEX - FEE CALCULATION SHEET)**Original (for **SUBMISSION**)

(This sheet is not part of and does not count as a sheet of the international application)

<b>0</b>	<b>For receiving Office use only</b>		
<b>0-1</b>	International Application No.		
<b>0-2</b>	Date stamp of the receiving Office		
<b>0-4</b>	<b>Form PCT/RO/101 (Annex)</b>		
<b>0-4-1</b>	<b>PCT Fee Calculation Sheet</b>	<b>PCT-SAFE [EASY model]</b>	
	Prepared Using	<b>Version 3.50 (Build 0002.169)</b>	
<b>0-9</b>	Applicant's or agent's file reference		<b>126457.01202</b>
<b>2</b>	Applicant		<b>MYKROLIS CORPORATION</b>
<b>12</b>	<b>Calculation of prescribed fees</b>	fee amount/multiplier	Total amounts (USD)
<b>12-1</b>	Transmittal fee <b>T</b>	⇒	<b>300</b>
<b>12-2-1</b>	Search fee <b>S</b>	⇒	<b>1920</b>
<b>12-2-2</b>	International search to be carried out by <b>EP</b>		
<b>12-3</b>	International filing fee (first 30 sheets) <b>i1</b>	<b>1134</b>	
<b>12-4</b>	Remaining sheets <b>26</b>		
<b>12-5</b>	Additional amount <b>(X) 12</b>		
<b>12-6</b>	Total additional amount <b>i2</b>	<b>312</b>	
<b>12-7</b>	<b>i1 + i2 =</b>	<b>1446</b>	
<b>12-12</b>	EASY Filing reduction <b>R</b>	<b>-81</b>	
<b>12-13</b>	Total International filing fee <b>(i-R) I</b>	⇒	<b>1365</b>
<b>12-14</b>	Fee for priority document		
	Number of priority documents requested <b>2</b>		
<b>12-15</b>	Fee per document <b>(X) 20</b>		
<b>12-16</b>	Total priority document fee: <b>P</b>	⇒	<b>40</b>
<b>12-17</b>	<b>TOTAL FEES PAYABLE (T+S+I+P)</b>	⇒	<b>3625</b>
<b>12-19</b>	Mode of payment	<b>cheque</b>	
<b>12-20</b>	Deposit account instructions		
	The receiving Office	<b>United States Patent and Trademark Office (USPTO) (RO/US)</b>	
<b>12-20-2</b>	Authorization to charge any deficiency or credit any overpayment in the total fees indicated above	✓	
<b>12-21</b>	Deposit account No.	<b>50-0436</b>	
<b>12-22</b>	Date	<b>22 February 2005 (22.02.2005)</b>	
<b>12-23</b>	Name and signature	<b>Raymond A. Miller</b>	

